Superb and Cost-effective A3 Printing

Priport™ JP4500

RICOH
Image Communication

Impressive Quality with New Master Fast and Affordable Colour

Wherever there is a daily need to produce high-volume print material that combines outstanding quality with real cost efficiency, the easy-to-use Ricoh Priport™ JP4500 digital duplicator will prove to be the ideal solution. A new generation of digital duplicators, the machine is reliable, hard-working and consistently delivers an impressive 400 x 400 dpi print quality. In terms of volume, the advanced, patented master enables effortless runs of up to an astonishing 4,000 pages per master. As a result, the more you print, the lower the cost per page becomes. A choice of spot colour inks gives you the creative flair to design eye-catching documents on paper up to A3. In addition, an optional print controller enables you to make the most of all your desktop publishing applications. The Priport™ JP4500 is ideal for fast, high quality and affordable print material.

High-performance Digital Printing

For top quality, high-volume printing, the Priport™ JP4500 will prove a productive, reliable and cost-effective solution. Extremely easy to use, it consistently delivers impressive quality prints, even for your longest print runs. With Ricoh's patented new master system you obtain optimum image quality, while saving on the cost of supplies. With a choice of spot colour inks, print materials can be produced on paper sizes up to A3, with a strong visual impact.

Consistent High Quality

The Priport™ JP4500 has a 400 x 400 dpi resolution that delivers impressive quality prints and copies. To ensure consistent quality, even with long runs, an automatic sensor adjusts the print pressure according to machine speed, local environment temperature and humidity. The retry paper feed mechanism also helps ensure streamlined paper handling reliability on long print runs. A series of image modes guarantee this same high quality on photos, graphics and tints, enabling users to create professional looking documents. The advanced design of the new master system creates a solid image. Surprisingly, this high quality is achieved by using less ink. In terms of consumables this results in a lower cost per page.

Versatile Print and Copy Productivity

With the ability to print and copy up to A3, this device can handle a wide range of daily documents and other print material needs, for example posters, newsletters, leaflets and brochures. These can be produced on a variety of paper weights, including thin paper types and cards. With a large paper capacity, even high-volume runs are effortless.

Optional PC Connectivity

With the optional printer controller, the Priport™ JP4500 can be quickly connected to your network, providing PC users with instant access to a high-speed network printer. A wide range of graphics and layouts, using desktop publishing applications, can be created with ease. Furthermore, connected printing provides users with a higher quality and more economic alternative to copying.

Exceptionally Easy to Use

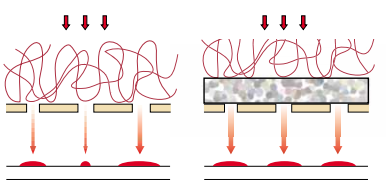
From the large and straightforward LCD control panel or from the PC screen, the Priport™ JP4500 is exceptionally easy to operate. Step-by-step symbols and instructions guide you through every stage of the operation. Even a first time user can operate the Priport™ JP4500 with complete confidence. A lightweight drum design and an improved loading mechanism further enhance the ease of use.

The Impact of Colour and Document Creativity

No one can doubt the impact of colour. Now, with a choice of 11 spot colour inks (including black), the Priport™ JP4500 gives you the power to add cost-effective colour to your documents and other printed materials. A 50% tint mode further enhances colour creativity. In addition, a unique colour matching option allows you to print or copy in your company colour. Furthermore, users can copy two originals onto one page or overlay one on top of another. To highlight specific sections, you can reduce or enlarge images between 50% and 200%.

An automatic sensor adjusts print pressure during the run to ensure consistently high print quality.

Superb quality through new master technology



Microscopic pores in the new master design ensure precise ink flow for a consistently sharp print image.

The large LCD control panel displays text and graphic icons for easy and confident user operation.

Priport™ JP4500

Specifications

GENERAL

Type:	Desktop
Printing process:	Full automatic one drum system
Originals:	Sheets/books
Original size:	
Platen glass:	
Maximum:	300 x 432 mm
ADF:	
Minimum:	148 x 210 mm
Maximum:	297 x 864 mm
Print paper size:	
Minimum:	70 x 148 mm
Maximum:	325 x 447 mm
Print paper weight:	47.1 - 209.3 g/m²
Print area:	290 x 200 mm (A4 drum) 290 x 410 mm (A3 drum)
Print speed:	60 - 120 sheets per minute (5 steps)
First print time:	24 seconds (A4)
Pixel density:	
Master making:	400 x 400 dpi
Scanning:	600 x 400 dpi
Image modes:	Letter, photo letter/photo (auto separation), tint
Pre-set reproduction ratios:	71, 82, 87, 93, 100, 115, 122, 141%
Zoom:	50 - 200% (in 1% steps)
Colour printing:	By replacing colour drum
Paper feed/delivery table capacity:	1,000 sheets (80 g/m²)
Master roll capacity:	200 masters per roll (A3) 315 masters per roll (A4)
Power source:	220 - 240 V, 50/60 Hz
Power consumption:	
Maximum:	260 W
Energy saver mode:	14 W
Dimensions (W x D x H):	
Set up:	1,360 x 700 x 640 mm
Stored:	790 x 700 x 640 mm
Weight:	85 kg

ADDED VALUE FEATURES

- Colour drum change
- Auto adjustable print pressure
- Auto background correction
- Auto original detection (available on ADF)
- Program up to 9 jobs
- Combine two originals
- Skip feed
- Margin erase
- Auto cycle
- Economy mode
- Security mode
- Tint mode
- SP mode
- Energy saver mode
- Class/memory mode
- User code
- Quality start

OPTIONS

- Printer controller RCP40 (embedded)
- Printer controller Zip Rip UC5
- Printer controller Zip Rip UC5e (embedded)
- Printer controller Zip Rip UC6
- Colour drum type 45L (A3 print area)
- Black drum type 45S (A4 print area)
- Platen glass type 1018
- ADF type 85
- Interface kit type 10
- Tape marker type 20

CONSUMABLES

- Master: Ricoh HQ40 NRG CPMT23
- Black ink: Ricoh HQ40 NRG CPI11
- Colour inks: digital duplicator colour ink type VI

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.

Our earth, Our tomorrow

Ricoh has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

ISO9001: 2000 certified
ISO14001 certified

Ricoh believes in conserving the earth's precious natural resources.

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